

# Product datasheet for GE100081

# pCas-Guide-Puro-CRISPRa gene activation vector

### **Product data:**

Product Type: CRISPR Vectors

Function:

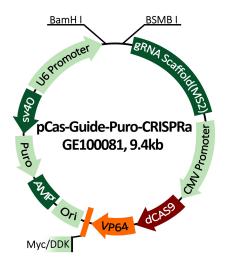
Features:

- All-in-one CRISPRa SAM vector
- BamH I and BsmB I can be used for genomic target sequence cloning
- gRNA under U6 promoter
- gRNA is modified with MS2 RNA aptamer in the loops
- CMV driven dCas9-VP64, which can activate gene expression
- For robust gene activation, needs to work with pCRISPRa-Enhancer (GE100056)
- CF3 primer (GE100008) can be used to sequence target sequence after cloning
- Contains puromycin resistance gene under SV40 promoter

#### Disclaimer:

These products are manufactured and supplied by OriGene under license from ERS.

# **Product images:**



Plasmid map of pCas-Guide-Puro-CRISPRa gene activation vector (GE100081)

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